

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	479	717/170.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:37
L2	184	717/172.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L3	346	717/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L4	609	717/174.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L5	233	717/175.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L6	278	717/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L7	233	717/177.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L8	381	717/178.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L9	759	717/168.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36

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L11	186	717/169.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:36
L12	1	717/170.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:38
L13	2	717/172.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:38
L14	1	717/173.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:38
L15	1	717/174.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L16	1	717/175.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L17	0	717/176.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L18	1	717/177.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L19	1	717/178.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39
L20	2	717/168.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:39

EAST Search History

L21	2	717/169.ccls. and (updat\$3 or patch\$3) same differenc\$3 same (transmit\$4 or network) and virus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:40
L22	3	717/169.ccls. and (updat\$3 or patch\$3) same bits same (less or fewer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:40
L23	1	717/168.ccls. and (updat\$3 or patch\$3) same bits same (less or fewer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:40
L24	4	717/17?.ccls. and (updat\$3 or patch\$3) same bits same (less or fewer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:42
L25	51	717/17?.ccls. and (updat\$3 or patch\$3) same (catalog or log or file) near3 (architecture or "operating system" or "natural language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:43
L26	59	I12 I13 I14 I15 I16 I17 I18 I19 I20 I21 I22 I23 I24 I25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 14:13
L27	2	"6052531".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:52
L28	2	"6651249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:54
L29	2	"6651249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 13:54
L30	34	(I12 I13 I14 I15 I16 I17 I18 I19 I20 I21 I22 I23 I24 I25) and (creat\$3 or develop\$3 or generat\$3) near3 (patch\$3 or updat\$3 or upgrad\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 14:14

EAST Search History

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S3	8	("5664109" "5845253" "6151581" "6154726").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/09 17:12
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S5	173	("5664109" "5845253" "6151581" "6154726" "20010018739" "20020007400" "4962532" "5337354" "5508817" "5555346" "5557723" "5613108" "5619548" "5694616" "5717923" "5774552" "5781901" "5794210" "5832220" "5892900" "5903880" "5911048" "5917489" "5933811" "5948058" "5960411" "5999967" "6057841" "6073142" "6134685" "6138146" "6145079" "6146026" "6147977" "6161130" "6161181" "6185603" "6199081" "6260059" "6345256" "6363415" "6374237" "6421669" "6460036" "6460050" "6490587" "6493722" "6609196" "3969723" "4558413" "4714992" "4809170" "5155847" "5182806" "5204960" "5479654" "5495610" "5519868" "5566335" "5574906" "5581764" "5649200" "5671398" "5673387" "5699275" "5729743" "5790856" "5799189" "5893113" "5905896" "5909581" "5933647" "5948104" "5960204" "6006242" "6035423" "6052531" "6081814" "6092080" "6119165" "6151643" "6349407" "6510552" "6535894" "6651249").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 07:23

EAST Search History

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S9	16	(virus near3 protect\$3) and detect\$3 and (signature or checksum or crc) and (data or program or database or graphics or bitmap or audio or video or multimedia or file) and spam and firewall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:25
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S11	262119	"6651249".pn. and (fingerprint or "finger print" or signature or checksum or crc) or (unwanted or spam) or firewall	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:26
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S13	7813	virus near3 (detect\$3 or protect\$3 or determin\$5 or prevent\$3) and (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:32
S14	664	virus near3 (detect\$3 or protect\$3 or determin\$5 or prevent\$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:32

EAST Search History

S15	233	virus near3 (detect\$3 or protect\$3 or determin\$5 or prevent\$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity) and 7??/??.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:35
S16	27	"virus protection software" and virus near3 (detect\$3 or protect\$3 or determin\$5 or prevent\$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:36
S17	5	(patch\$3 or updat\$3 or upgrad\$3 or version\$3) near5 "virus protection software" and virus near3 (detect\$3 or protect\$3 or determin\$5 or prevent\$3) same (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:37
S18	28	(patch\$3 or updat\$3 or upgrad\$3 or version\$3) near5 "virus protection software" and (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:39
S19	35	(install\$5 or patch\$3 or updat\$3 or upgrad\$3 or version\$3) near5 "virus protection software" and (signature or checksum or crc or fingerprint or "finger print" or identifier or identity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:53
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S21	3862	(install\$5 or patch\$3 or updat\$3 or upgrad\$3 or version\$3) near5 (virus or protection) and ((digital near sign\$5) or signature or checksum or crc or fingerprint\$3 or "finger print" or identifier or identity of filter\$3 or spam\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:55
S22	1747	(install\$5 or patch\$3 or updat\$3 or upgrad\$3 or version\$3) near5 (virus or protection) and ((digital near sign\$5) or signature or checksum or crc or fingerprint\$3 or "finger print" or identifier or identity of filter\$3 or spam\$4) and (delta or hub or differenc\$3 or diff)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 09:56

EAST Search History

S23	473	(install\$5 or patch\$3 or updat\$3 or upgrad\$3 or version\$3) near5 (virus or protection) and ((digital near sign\$5) or signature or checksum or crc or fingerprint\$3 or "finger print" or identifier or identity of filter\$3 or spam\$4) and (delta or hub or differenc\$3 or diff) and 7??/??.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 10:47
S24	435	717/170.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 10:48
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S27	2	"6094731".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:27
S28	3	717/168.ccls. and (updat\$3 or patch\$3 or version\$3 or upgrad\$3) same (diff or differenc\$3 or delta or hub or changes) same (transmission or transmit\$4 or push\$3 or relay\$2 or download\$3 or send\$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S29	1	717/169.ccls. and (updat\$3 or patch\$3 or version\$3 or upgrad\$3) same (diff or differenc\$3 or delta or hub or changes) same (transmission or transmit\$4 or push\$3 or relay\$2 or download\$3 or send\$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S30	4	717/171.ccls. and (updat\$3 or patch\$3 or version\$3 or upgrad\$3) same (diff or differenc\$3 or delta or hub or changes) same (transmission or transmit\$4 or push\$3 or relay\$2 or download\$3 or send\$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31

EAST Search History

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S32	8	717/173.ccls. and (updat\$3 or patch\$3 or version\$3 or upgrad\$3) same (diff or differenc\$3 or delta or hub or changes) same (transmission or transmit\$4 or push\$3 or relay\$2 or download\$3 or send\$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
S33	2	717/174.ccls. and (updat\$3 or patch\$3 or version\$3 or upgrad\$3) same (diff or differenc\$3 or delta or hub or changes) same (transmission or transmit\$4 or push\$3 or relay\$2 or download\$3 or send\$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:31
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S37	7	717/178.ccls. and (updat\$3 or patch\$3 or version\$3 or upgrad\$3) same (diff or differenc\$3 or delta or hub or changes) same (transmission or transmit\$4 or push\$3 or relay\$2 or download\$3 or send\$3) near3 version	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:32
S38	27	S28 S29 S30 S31 S32 S33 S34 S35 S36 S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 13:33



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Re

1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for AI on Collaborative research**

Publisher: IBM Press

Full text available: [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualization process-time diagrams are often used to obtain a better understanding of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex, making it difficult for the user to get the desired overview of the application. In our experience, repeated occurrences of non-trivial commun...

2 [An approach to support automatic generation of user interfaces](#)

Prasun Dewan, Marvin Solomon

October 1990 **ACM Transactions on Programming Languages and Systems**
 Volume 12 Issue 4

Publisher: ACM Press

Full text available: [pdf\(3.55 MB\)](#) Additional Information: [full citation](#), [abstract](#)

MB)

citing, index ter

In traditional interactive programming environments, each application interacts with the human user. The result is duplication of effort in interface code and nonuniform—hence confusing—input conventions. This paper presents an approach to support automatic generation of user interfaces in environments based on algebraic languages. The approach supports the editing model of interacting with the user to view all applications ...

3 Query evaluation techniques for large databases

 Goetz Graefe

June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2

Publisher: ACM Press

Full text available:  [pdf\(9.37 MB\)](#) Additional Information: [full citation, abst](#) [citing, index ter](#)

Database management systems will continue to manage large data volumes. New algorithms for accessing and manipulating large sets and sequences will provide acceptable performance. The advent of object-oriented and extensible systems will not solve this problem. On the contrary, modern data models pose a new problem: In order to manipulate large sets of complex objects as efficiently as simple records, query-processing systems must manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation, parallel database systems, iterators, object-oriented database systems, operator overloading, parallelization, parallel algorithms, relational database systems, set-matching, sort-hash duality

4 An execution model for limited ambiguity rules and its application to derived data

 I.-Min A. Chen, Richard Hull, Dennis McLeod

December 1995 **ACM Transactions on Database Systems (TODS)**, Vol. 20, No. 4

Publisher: ACM Press

Full text available:  [pdf\(3.36 MB\)](#) Additional Information: [full citation, abst](#) [citing, index ter](#)

A novel execution model for rule application in active databases is developed. The model addresses the problem of updating derived data in a database represented using a semistructured data model. The execution model is based on the use of “limit” clauses to control the number of rows processed by a query. The model is shown to be sound and complete with respect to a standard semantics for active databases.

rules" (LARs), which permit disjunction in rule actions. The execution performs a breadth-first exploration of alternative extensions of a user-defined schema. Given an object-based database schema, ...

Keywords: active database systems, deltas on database states, derived data, ambiguity rules, semantic data models, update propagation

5 Federated database systems for managing distributed, heterogeneous, and autonomous databases

Amit P. Sheth, James A. Larson

September 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 3

Publisher: ACM Press

Full text available: [pdf\(5.02 MB\)](#) Additional Information: [full citation, abstract](#) [citations, index terms](#)

A federated database system (FDBS) is a collection of cooperating databases that are autonomous and possibly heterogeneous. In this paper, we define a reference model for distributed database management systems from system and schema viewpoints. We then describe how various FDBS architectures can be developed. We then define a methodology for developing one of the popular architectures of an FDBS. Finally, we discuss issues related to developing and operating an FDBS.

6 Automatic generation of production rules for integrity maintenance

Stefano Ceri, Piero Fraternali, Stefano Paraboschi, Letizia Tanca

September 1994 **ACM Transactions on Database Systems (TODS)**, Vol. 19, No. 3

Publisher: ACM Press

Full text available: [pdf\(3.42 MB\)](#) Additional Information: [full citation, abstract](#) [citations, index terms](#)

In this article we present an approach to integrity maintenance, consisting of automatically generating production rules for integrity enforcement. Constraints are expressed as formulas of Domain Relational Calculus; they are automatically translated into repair actions, encoded as production rules of an active database system. Some constraints may be redundant (they enforce the same constraint in different ways) and some may be inconsistent (because repairing one constraint may cause ...).

Keywords: automatic generation of production rules

7 Chiron-1: a software architecture for user interface development, maintenance and support

 Richard N. Taylor, Kari A. Nies, Gregory Alan Bolcer, Craig A. MacFarlane, Michael Anderson, Gregory F. Johnson
June 1995 **ACM Transactions on Computer-Human Interaction (TOC)**
Issue 2

Publisher: ACM Press

Full text available: [pdf\(2.65 MB\)](#) Additional Information: [full citation, abstract](#) [citations, index terms](#)

The Chiron-1 user interface system demonstrates key techniques that enable separation of an application from its user interface. These techniques include control-flow aspects of the application and user interface: they are concurrent and contain many threads. Chiron also separates windowing and look-and-feel, dialogue and abstract presentation decisions via mechanisms employing a layered architecture. To separate application code from user interface ...

Keywords: artists, client-server, concurrency, event-based integration, user interface architectures

8 Human-computer interface development: concepts and systems for its management

 H. Rex Hartson, Deborah Hix
March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1

Publisher: ACM Press

Full text available: [pdf\(7.97 MB\)](#) Additional Information: [full citation, abstract](#) [citations, index terms](#)

Human-computer interface management, from a computer science viewpoint, is the process of developing quality human-computer interfaces, including their design, implementation, execution, evaluation, and maintenance. This survey covers important concepts of interface management: dialogue independence, structured representation, interactive tools, rapid prototyping, development methods and structures. *Dialogue independence* is the ...

9 Pen computing: a technology overview and a vision

 André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Publisher: ACM Press

Full text available: [pdf\(5.14 MB\)](#) Additional Information: [full citation, abst](#) [terms](#)

This work gives an overview of a new technology that is attracting grow public as well as in the computer industry itself. The visible difference fi technologies is in the use of a pen or pencil as the primary means of inte user and a machine, picking up the familiar pen and paper interface meta follows a set of consequences that will be analyzed and put into context technologies and visions. Starting with a short historic ...

10 [The family of concurrent logic programming languages](#)

 Ehud Shapiro

September 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 3

Publisher: ACM Press

Full text available: [pdf\(9.62 MB\)](#) Additional Information: [full citation, abst](#) [citations, index ter](#)

Concurrent logic languages are high-level programming languages for p distributed systems that offer a wide range of both known and novel co programming techniques. Being logic programming languages, they pres advantages of the abstract logic programming model, including the logic programs and computations, the convenience of representing data struct terms and manipulating them using unification, and the amenability to m

11 [Developing and empirically evaluating robust explanation generators: the I experiments](#)

James C. Lester, Bruce W. Porter

March 1997 **Computational Linguistics**, Volume 23 Issue 1

Publisher: MIT Press

Full text available: [pdf\(2.64 MB\)](#)

[Publisher](#)
[Site](#)

Additional Information: [full citation, abst](#) [citations](#)

To explain complex phenomena, an explanation system must be able to s from a formal representation of domain knowledge, organize the selected multisentential discourse plans, and realize the discourse plans in text. A

have witnessed significant progress in the development of sophisticated mechanisms for explanation, empirical results have been limited. This paper seven-year effort to empirically study explanation ge ...

12 Types and persistence in database programming languages

Malcolm P. Atkinson, O. Peter Buneman

June 1987 **ACM Computing Surveys (CSUR)**, Volume 19 Issue 2

Publisher: ACM Press

Full text available: [pdf\(7.91 MB\)](#) Additional Information: [full citation, abstract](#) [citations, index terms](#)

Traditionally, the interface between a programming language and a database has been through a set of relatively low-level subroutine calls, or it has required some embedding of one language in another. Recently, the necessity of integrating programming language techniques has received some long-overdue recognition. A number of attempts have been made to construct programming languages integrated with database management systems. These languages ...

13 Special issue: AI in engineering

D. Sriram, R. Joobbani

April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press

Full text available: [pdf\(8.79 MB\)](#) Additional Information: [full citation, abstract](#) [citations, index terms](#)

The papers in this special issue were compiled from responses to the announcement of the July 1984 issue of the SIGART newsletter and notices posted over the Internet. The interest being shown in this area is reflected in the sixty papers received from twenty-four countries. About half the papers were received over the computer network.

14 Building real-time groupware with GroupKit, a groupware toolkit

Mark Roseman, Saul Greenberg

March 1996 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Issue 1

Publisher: ACM Press

Full text available: [pdf\(2.74 MB\)](#) Additional Information: [full citation, abstract](#) [citations, index terms](#)

This article presents an overview of GroupKit, a groupware toolkit that allows users to work together in real time on shared documents.

applications for synchronous and distributed computer-based conferencing constructed from our belief that programming groupware should be only building functionally similar single-user systems. We have been able to reduce the implementation complexity of groupware through the key features of GroupKit. A runtime infrastructure

Keywords: GroupKit, computer-supported cooperative work, groupware, synchronous groupware, user interface toolkits

15 IS '97: model curriculum and guidelines for undergraduate degree program in information systems

Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein,] Longenecker

December 1996 **ACM SIGMIS Database , Guidelines for undergraduate Model curriculum and guidelines for undergraduate in information systems IS '97**, Volume 28 Issue 1

Publisher: ACM Press

Full text available: [pdf\(7.24 MB\)](#)

Additional Information: [full citation](#), [citations](#)

16 Reflections on NoteCards: seven issues for the next generation of hypermedia

Frank, G. Halasz

July 1988 **Communications of the ACM**, Volume 31 Issue 7

Publisher: ACM Press

Full text available: [pdf\(2.26 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

NoteCards, developed by a team at Xerox PARC, was designed to support transforming a chaotic collection of unrelated thoughts into an integrated interpretation of ideas and their interconnections. This article presents NoteCards against which to explore some of the major limitations of the current generation of hypermedia systems, and characterizes the issues that must be addressed in next generation systems.

17 Concepts and paradigms of object-oriented programming

Peter Wegner

August 1990 ACM SIGPLAN OOPS Messenger, Volume 1 Issue 1

Publisher: ACM Press

Full text available: [pdf\(5.52 MB\)](#) Additional Information: [full citation, abstract](#) [index terms](#)

We address the following questions for object-oriented programming: *What are its goals? What are its origins? What are its paradigms? What are its design models? What are its models of concurrency? What are its formal computational model?* *object-oriented programming?* Starting from software engineering goals, origins and paradigms of object-oriented programming, explore its language ...

18 Using witness generators to support bi-directional update between object-based (extended abstract)

 Ti-Pin Chang, Richard Hull

May 1995 **Proceedings of the fourteenth ACM SIGACT-SIGMOD-SIGART on Principles of database systems**

Publisher: ACM Press

Full text available: [pdf\(1.19 MB\)](#) Additional Information: [full citation, references](#) [index terms](#)

19 Updating systems development courses to incorporate fourth generation tools

 Carol Chrisman, Barbara Beccue

March 1985 **ACM SIGCSE Bulletin , Proceedings of the sixteenth SIGART symposium on Computer science education SIGCSE '85,**

Publisher: ACM Press

Full text available: [pdf\(554.58 KB\)](#) Additional Information: [full citation, references](#) [index terms](#)

20 A high-level and flexible framework for implementing multiuser user interfaces

 Prasun Dewan, Rajiv Choudhary

October 1992 **ACM Transactions on Information Systems (TOIS), Vol 10 No 4**

Publisher: ACM Press

Full text available: [pdf\(2.82 MB\)](#) Additional Information: [full citation, abstract](#) [citations](#), [index terms](#)

We have developed a high-level and flexible framework for supporting t multiuser interfaces. The framework is based on a generalized editing interface which allows users to view programs as active data that can be concurrently edited by multiple users. It consists of several novel components including a refined Seeheim UIMS architecture and the distributed graphics architecture that addresses multiuser interaction; the abstractions of sha ...

Keywords: computer-supported cooperative work, editing, groupware, management systems

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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... An **Update**. Walter W. McMahon*. This article develops a method for estimating current geographical **differences** in the cost of living index for all **states** for 1981 ...Cited by 28 - Related Articles - Web Search - Library SearchMedical technology in Canada, Germany, and the United States: an update - group of 6 »

DA Rublee - 1994 - content.healthaffairs.org

... Technology In Canada, Germany, And The United States: An **Update** ... are more prevalent in the United States, on a ... The **differences** are large in some cases and small ...Cited by 26 - Related Articles - Web Search - BL DirectAn update on liver transplantation in the United States: recipient characteristics and outcome.

SH Belle, KC Beringer, KM Detre - Clin Transpl, 1995 - ncbi.nlm.nih.gov

An **update** on liver transplantation in the United States: recipient characteristics and ... to those of previous years and no significant **differences** were found ...Cited by 55 - Related Articles - Cached - Web Search - BL DirectOn the difference between updating a knowledge base

and revising it

H Katsuno, A Mendelzon - Belief Revision, 1992 -
citeseer.ist.psu.edu

... the Dynamics of Epistemic States (context) -
Gardenfors ... Mendelzon - 1991 BibTeX entry:
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updating a knowledge base ...

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Assessing the Effects of School Resources on Student Performance: An Update - group of 3 »

EA Hanushek - Educational Evaluation and Policy Analysis, 1997 - JSTOR

... Resources on Student Performance: An **Update** Eric A ... to the omission of measures of **state differences** in school ... and on whether samples are drawn across **states**. ...

Cited by 270 - Related Articles - Web Search - Library Search - BL Direct

Declines in Teenage Birth Rates, 1991–98: Update of National and State Trends - group of 12 »

SJ Ventura, TJ Mathews, SC Curtin... - Methods, 1991 - cdc.gov

... **Update** of National and State Trends ... overall rates by **State** reflect in part the **differences** in the composition of the teenage populations of the **States** by race ...

Cited by 40 - Related Articles - View as HTML - Web Search

The 1995 update to the atomic mass evaluation - group of 4 »

G Audi, AH Wapstra - Nuclear Physics, Section A, 1995 - Elsevier

... This policy is generalized in this Ame'95 **update**. ... for the ground-**states** feed low excited **states** in their ... excitation energy value

derived from **differences** in fl ...

Cited by 886 - Related Articles - Web Search

Contraceptive Failure in the United States: An Update
- group of 2 »

J Trussell, RA Hatcher, W Cates Jr, FH Stewart, K ...
- Studies in Family Planning, 1990 - JSTOR

... Contraceptive Failure in the United States: An
Update ... Kost This report provides an
update of the ... The **difference** between these two
probabilities provides a ...

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metabolic rates (BMRs) and physical activity ... -
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PS Shetty, CJK Henry, AE Black, AM Prentice - Eur J
Clin Nutr, 1996 - unu.edu

Energy requirements of adults: an **update** on basal ...
the importance of correcting for
differences in volume flow of ... McLean (1984)
states that this large error is ...

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BL Direct

Explaining temporal-**differences** to create useful
concepts for evaluating **states** - group of 2 »

RC Yee, S Saxena, PE Utgoff, AG Barto -

Proceedings of AAAI, 1990 - citeseer.ist.psu.edu

Explaining Temporal **Differences** to Create Useful
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H Araki, S Futagami, K Nitoh - IEEE ICC, 1995 - dcl.ee.ncku.edu.tw

... The **patch** must change program by machine code level and the ... Following methods to **update** the **software** in telecommunication systems. Page 10. 10 ...

[Cited by 5 - Related Articles - View as HTML - Web Search](#)[War on the workspace!: supporting continuously changing commercial **software** using a relational ...](#)

EJ Shaw Jr - Proceedings of the conference on Share knowledge share ..., 1998 - portal.acm.org

... is probably fair to say that our **software** lies somewhere ... ourselves and to our users using **update** files. There are three types: test updates, **patch** updates, and ...

[Related Articles - Web Search](#)[Jacobian images of super-resolved texture maps for model-based motion estimation and tracking - group of 14 »](#)

F Dellaert, S Thrun, C Thorpe - IEEE Workshop on Applications of Computer Vision (WACV), 1998 - doi.ieeecomputersociety.org

... m . In the case of a planar **patch**, m is ... integrated using the standard KF measurement **update** equations [11 ... x is updated in function of the difference between the ...

[Cited by 24 - Related Articles - Web Search](#)

Adaptive mesh refinement for wave propagation in nonlinear solids - group of 3 »

JA Trangenstein - SIAM J. Sci. Comput, 1995 - locus.siam.org

... equations of state. ... be reduced through the use of high-order **difference** methods; however ... a small number of rich computational assignments (ie, integrate a **patch**) ...

Cited by 20 - Related Articles - View as HTML - Web Search - BL Direct

A non-stop updating technique for device driver programs on the IROS platform

H Araki, S Futagami, K Nitoh - Communications, 1995.

ICC 95 Seattle, Gateway to ..., 1995 - ieeexplore.ieee.org

... with Conventional methods We also use following methods to **update** the **software** in

telecommunication ... (I) Full-update method This ... (2)

Patch / partial updating ...

Related Articles - Web Search

View caching: Efficient **software** shared memory for dynamic computations - group of 10 »

V Karamcheti, AA Chien - Proceedings of the

International Parallel Processing ..., 1997 - doi.ieeecs.org

... updates requester decides, asynchronous directory **update** to record reader ... coherence

requests to be processed in **software**. ... of an elemental surface **patch** as a ...

Cited by 8 - Related Articles - Web Search

Conductance **states** activated by glycine and GABA in rat cultured spinal neurones - group of 2 »

SM Smith, R Zorec, RN McBurney - Journal of Membrane Biology, 1989 - Springer

... In this **patch**, the 88-pS level, which was not identified in ... Despite this **update** in the number of **states** observed in mouse neurones to ...

1987), **differences** in the ...

Cited by 19 - Related Articles - Web Search

The family Herpesviridae: an **update** - group of 3 »

B Roizmann, RC Desrosiers, B Fleckenstein, C Lopez ... -

Archives of Virology, 1992 - Springer

... The family Herpesviridae: an **update** Experiencing the universe is not the same as

systematizing it, no more than experiencing love is the same as analyzing it. ...

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Efficient data breakpoints - group of 2 »

R Wahbe - Proceedings of the fifth international

conference on ..., 1992 - portal.acm.org

... are part of an address space's **state** and require ... We refer to this approach as trap

patch- ... Both virtual memory- and **software-based** approaches must maintain a ...

Cited by 25 - Related Articles - Web Search - BL Direct

A Communist by any Other Name

... Owens, PW Schramm, D Tucker, EM **Update**, M Kelly, C ... - Res Publica, 1997 - ashbrook.org

... other in the West—the only **difference** was that ...

Deng tried unsuccessfully in 1963

to **patch-up** the ... its poorest and most completely totalitarian **states**.(3) But ...

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... Half the batde in **creating** a utility is designing the ... it is probably fair to say

that our **software** lies somewhere ... ourselves and to our users using **update** files ...

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K Fishburn, S Kimos, DM Agency, MD Bethesda - OCEANS'95. MTS/IEEE.'Challenges of Our Changing Global ..., 1995 - ieeexplore.ieee.org

... Similarly, **creation** of the **Patch** requires the presence of two ... expenditures in the realm of hardware and **software**. ... These strengths **create** a need, however, for a ...

Web Search - BL Direct

Jacobian images of super-resolved texture maps for model-based motion estimation and tracking - group of 14 »

F Dellaert, S Thrun, C Thorpe - IEEE Workshop on Applications of Computer Vision (WACV), 1998 - doi.ieeecomputersociety.org

... 13], and model-based tracking [4]. By making the surface ... In the case of a planar **patch**, m is ... integrated using the standard KF measurement **update** equations [11 ...

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dynamic computations - group of 10 »

V Karamcheti, AA Chien - Proceedings of the International Parallel Processing ..., 1997 - doi.ieeecs.org

... 8, 15, 5] predict access requests and eagerly **create** an object ... that are known not

to change after **creation**. ... coherence requests to be processed in **software**. ...

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Patch32: A System for Automated Client OS Updates - group of 3 »

G Carter - Proceedings of the Large Installation System Administration ..., 1998 - usenix.org

... Service Pack is modified to **create** a key ...

HKEY_LOCAL_MACHINE Software Microsoft Windows CurrentVersion Setup Updates UPD ... for a non-interactive **update** without a ...

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Projective registration with difference decomposition - group of 8 »

M Gleicher - IEEE Conf. of Computer Vision and Pattern Recognition, 1997 - doi.ieeecs.org

... N is the identity) is the **update** formula for ... as in the previous section, **creating**

connected grids is ... it introduces the piecewise projective **patch**, offering ...

Cited by 58 - Related Articles - Web Search - BL Direct

Corporate memory through cooperative creation of knowledge bases and hyper-documents - group of 6 »

J Euzenat - Proc of KAW, 1996 - inrialpes.fr

Corporate memory through cooperative **creation** of knowledge bases ... instance, the user

wants to **create** a hypertext ... or on economic decision making (for determining ...

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State transition analysis: a rule-based intrusion detection

approach - group of 16 »

K Ilgun, RA Kemmerer, PA Porras - IEEE Transactions on Software Engineering, 1995 - doi.ieeecomputersociety.org ... dependent rules or statistical formulas, making tools that ... by performing the first action (**create** file1) in ... engine table that indicated the **creation** of file1 ...

Cited by 280 - Related Articles - Web Search - BL Direct

The substrate object model and architecture - group of 9 »

A Banerji, D Kulkarni, J Tracey, D Cohn - Object Orientation in Operating Systems, 1993., Proceedings ..., 1993 - ieeexplore.ieee.org

... meet the following three criteria: **Creation** of a ... of the system **software to create** the multiprocessor ... implicit aspects of the environment, making them explicit ...

Cited by 9 - Related Articles - Web Search

Defining an adaptive **software** security metric from a dynamic**software** failure tolerance measure - group of 3 »

J Voas, A Ghosh, G McGraw, F Charron, K Miller - ... '96,'Systems Integrity. **Software** Safety. Process Security'. ..., 1996 - ieeexplore.ieee.org

... for especially clever intruders who **create** men; malicious ... pre- 'Note that "outside the **software** system" does ... to a "pen- etrate and **patch**" approach. ...

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